

SEQUENCE LISTING

Andersson, Mariette Trifonova, Adelina Hofvander, Per Use of AHAS mutant genes as selection marker in potato <120> transformation <130> 12810-00141-US <140> US 10/519,947 <141> 2004-12-29 <150> PCT/EP2003/007085 2003-07-03 <151> <150> EP 02015247.6 2002-07-09 <151> <160> <170> PatentIn version 3.3 <210> 1 <211> 5717 <212> DNA <213> Arabidopsis thaliana <220> <221> CDS <222> (2484)..(4493) <400> 1 tctagattat qtatttccaa ctttcattaa caatataatc qcatataaat qaaaaatcgt 60 ttccaggata atattttgat gaaatctcat attattgttc gtactcggat tgatgttgaa 120 qqcttqaaqc qcttcaaatt ataqaccaga ttatttaagt ttttcttttg tttactccat 180 atcaatttqa tccattatac tacctaaqaa aatttaqqta acataqaatt atttattqtt 240 atagtaaaaa aaaggaaaac cacaaaaata atctactttt acgtatatac tattttcatg 300 acataagtaa ttaagttgta caactttttt ttaatgaaaa gagagagtaa atttatcatg 360 ttcatgtgta gttacctcgt gaataaccga cggttatata gacgcctaac atgaattgtt 420 cagttgaaga cagttcaaaa catgtgtttc actctaaaat cctcaacaaa aaaaaagtgt 480 taaaatttgt aaacctcttt caagcaaaaa aagaaaaagt gttagaatcc caagattctt 540 tcataatccg gaatcttggc tgaaaacgta taaaagagat tgacgtagta acaaggagtc 600 ttggtatgct tccatgcttt ttatcctttt ttgtcatgga accatgattt ggttaccatt 660 tattatqtaa ccgaaatttt cattqtaata atgaatattt aaatttttag caaaaaaaaa 720 caaaaaaaa caaggagtct tgtcttcgtt ctcaaatttc agagctcttg cacttttcaa 780 gagttttact ttgatgagtg agacatttgt ctttttagtg tttattttct aaacttaaaa 840 tagtagcatc aacatcactc aattataatt cttaagatgt tgtagaaaaa tattttatag 900 atggaaagta atcgatatta agacaaataa gaaaccaaac cggactttgt gttcagaccg 960 aatcaaatct gaattggaga aattatggtg gaggcgaaag tcaacggaac taaagtataa 1020 aaccaaatgt caaaaataaa acccaatttt catccttaaa cgaacctgct gaaaccctaa 1080 tttcgattac caattccgat ctaaaaagaa gtcatggaag ccattgattc cgcaatcgat 1140 cctctcagag atttcgctaa gagcagtgtt cgtctcgtcc agcgctgtca caaacccgat 1200 cqcaaqqqta acqccttttc tcaaaaaaat ctcatttccg atttttgatc tgtagattag 1260 ggttttctga aattttgata tcatttgtaa ttgaattggt tatcagaatt cacgaaagta 1320 gctgtgcgta cggcgattgg atttgtggtg atgggattcg ttggattctt cgtgaagctc 1380 qttttcatcc caatcaacaa catcatcgtt ggatcttctt agtgtagtac tttctttacg 1440

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Asp Ala Ile Val Val Asp Ile Asp Gly Asp Gly Ser Phe Ile Met Asn 530 540

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